


## TIRE CONTAINING SEAL AGENT

**Patent number:** JP2000318406  
**Publication date:** 2000-11-21  
**Inventor:** YAMAGIWA TOSHIO  
**Applicant:** HONDA MOTOR CO LTD  
**Classification:**  
 - international: (IPC1-7): B60C5/14; B29C73/22; B60C19/12  
 - european: B29C73/22; B60C5/02; B60C5/14  
**Application number:** JP19990128863 19990510  
**Priority number(s):** JP19990128863 19990510

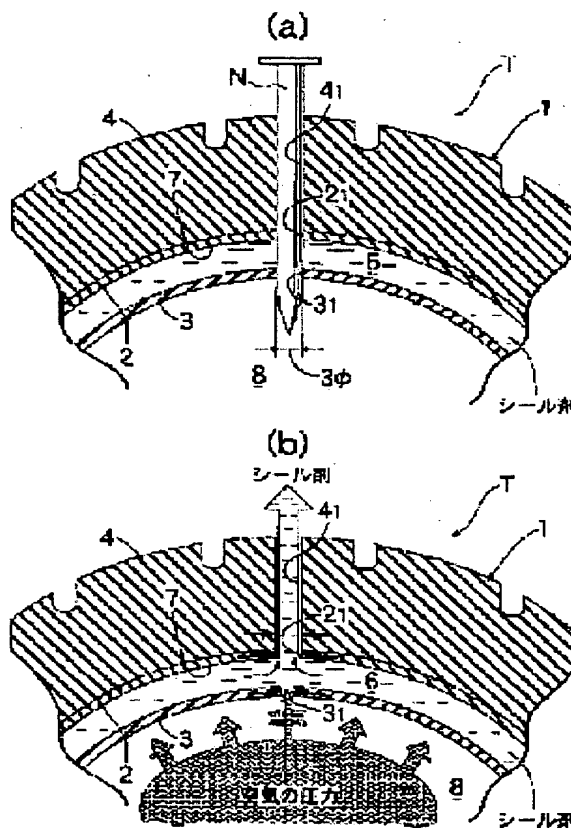
### Also published as:

 EP1201461 (A1)  
 WO0068028 (A1)  
 CA2373023 (A1)  
 TR200103224T (T2)

Report a data error here

### Abstract of JP2000318406

**PROBLEM TO BE SOLVED:** To delay the flow of the air from an air chamber by increasing the repair effect of a stab by a seal agent, in a tire containing the seal agent. **SOLUTION:** In this tire, an outside liner 2 is adhered on the inner surface of a tread 4 and a seal agent chamber 7 filled with a seal agent 6 between this outside liner 2 and the inside liner 3 is partitioned and also an air chamber 8 filled with the air inside the inside liner 3 is partitioned. By constituting the inside liner 3 by a soft rubber whose 300% modulus is 60 kgf/cm<sup>2</sup> or less, the stab 31 itself of the inside liner 3 produced by a nail N is not only shrunk, but also the stab 31 is shrunk quickly after the nail N is removed and the flow out of the air from the air chamber 8 can be delayed. As the soft inside liner 3 can be deformed easily by the air pressure in the air chamber 8, the seal agent 6 in the seal agent chamber 7 is pushed out quickly into the stab 41 of the tread 4 by the air pressure and the stab 41 can be repaired effectively.



Data supplied from the esp@cenet database - Worldwide